

Abstract

The present invention relates to a connector
5 arrangement having a connector and a corresponding mating
connector for electrical connection of at least two multi-
core cables, the cables comprising at least two core pairs
allowing symmetrical transmission of time-variable
differential signals on each core pair, and the connector
10 comprising a connector housing and the mating connector
comprising a mating connector housing, each of which
comprise contact elements which engage in one another when
plugged together. The associated mating contact elements in
the connector housing and in the mating connector housing
15 corresponds to the spatial arrangement of the core pairs in
the cables. The two core ends and the associated contact
elements of each core pair are arranged approximately
equidistantly relative to each core end and the associated
contact elements of at least one of the other core pairs.